

1396. To Henry Herbert Hazard, of Nelson-terrace, City-road, in the county of Middlesex, Engineer, for the invention of "improvements in cartridges."

1397. And to Alexander Prince, of the Office for Patents, 4, Trafalgar-square, Charing Cross, in the county of Middlesex, for the invention of "improvements in the manufacture of gas, and in the apparatus connected therewith."—A communication to him from abroad by Messieurs Schaeffer and Walcker, residents at Berlin, in the Kingdom of Prussia.

On their several petitions, recorded in the Office of the Commissioners on the 4th day of June, 1861.

1413. To Antonin Duguet, of 15, Newman-street, in the county of Middlesex, Commission Agent, for the invention of "an improvement in the manufacture of pianos."—A communication to him from abroad by Mr. Auguste Antoine Villaert, of 14, Rue de Chabrol, Paris.

1415. And to François Jules Manceaux, of Paris, in the Empire of France, Gun Manufacturer, for the invention of "improvements in breech loading arms, and in projectiles for breech loading arms."

On both their petitions, recorded in the Office of the Commissioners on the 5th day of June, 1861.

1417. To John Baker, Manager of the firm of E. M. Reilly and Co., Gun Makers, 315, Oxford-street, London, W., in the county of Middlesex, for the invention of "the more perfectly finishing off and closing loaded cartridge cases used in breech loading sporting guns."

1418. To Daniel Nickols, of the city of Manchester, in the county of Lancaster, Engineer, for the invention of "improvements in machinery or apparatus for cutting paper or other materials."

1419. To John Bailey and William Henry Bailey, of the Albion Works, Salford, Manchester, in the county of Lancaster, Turret Clock Makers, for the invention of "improvements in apparatus for indicating the speed, flow, pressure, and vacuum of liquids, fluids, and other bodies."

1420. To Henry Thomas Coles, of Silchester, in the county of Hants, Esquire, for the invention of "improvements in mechanism or apparatus for locks and bolts and other fasteners, gun locks, and gun breeches, catches for weaving-shuttles, double screws, rifles, pistols, other fire arms and ordnance, weaving-traversers, winders, sewing, weaving, netting, and other machines and self acting claws and grapplers."

1421. To Léon Joseph Pomme de Mirimonde, of Paris, in the Empire of France, Gentleman, for the invention of "improvements in axle boxes, and in lubricating the parts therein."

1423. To Sampson Moore, of Liverpool, in the county of Lancaster, Millwright, Engineer, and Iron Founder, for the invention of "improvements in machinery or apparatus for dressing and polishing rice."

1424. To Hugh Rigby and Peter Warburton Lowe, of Salford, in the county of Lancaster, Engineers, for the invention of "improvements in the construction of steam boilers, and in the arrangement of the flues of steam boilers."

1425. To Charles Stratford, of No. 1, Croom's-hill-grove, Greenwich, Kent, for the invention of "an equilibrium steering apparatus."

1426. To George Baker, of Birmingham, in the county of Warwick, Manufacturer, for the

invention of "a new or improved instrument or apparatus for churning and for beating eggs, and for other like purposes."

1427. To Thomas Hamilton and James Hamilton, both of Glasgow, in the county of Lanark, North Britain, Bobbin Turners, for the invention of "improvements relating to cop tubes."

1429. To Henry Turner, of Leicester, in the county of Leicester, Elastic Web Manufacturer, and Thomas Yates of the same place, Chemist and Druggist, for the invention of "improvements in the manufacture of elastic web."

1430. To Samuel Hawkins, of 2, John-street, Kingsland-road, N.E., for the invention of "improvements in expanding tables."

1431. To Henry Turner, of Leicester, in the county of Leicester, Elastic Web Manufacturer, and Thomas Yates, of the same place, Chemist and Druggist, for the invention of "improvements in railway signals."

1432. To William Oliver Johnston, of Newcastle-upon-Tyne, for the invention of "improvements in pillars for supporting the roof in coal and other mines."

1433. To Benjn. D. Godfrey, of Milford, in the State of Massachusetts, United States of America, for the invention of "an improved boot or shoe with leather 'uppers' and india rubber soles."

1435. To Edward Hewett, of St. Leonards-on-Sea, in the county of Sussex, Brewer, for the invention of "improvements in apparatus for creating or increasing air draughts in flues or other channels for ventilation and other purposes."

1437. To John Platt, of Oldham, in the county of Lancaster, Mechanical Engineer, and William Richardson, of the same place, Mechanical Engineer, for the invention of "improvements in machinery, or apparatus for making bricks."

1438. To William Edward Newton, of the Office for Patents, 66, Chancery-lane, in the county of Middlesex, Civil Engineer, for the invention of "improvements applicable to railways, for the purpose of facilitating the transport of carriages containing goods and passengers across arms of the sea, rivers, lakes, or inland waters."—A communication to him from abroad by Monsieur Mallat de Bassilan, of Paris, in the Empire of France.

1439. And to John Platt, of Oldham, in the county of Lancaster, Mechanical Engineer, and William Richardson, of the same place, Mechanical Engineer, for the invention of "improvements in machinery or apparatus commonly called "gins," for cleaning cotton from seeds."

On their several petitions, recorded in the Office of the Commissioners on the 6th day of June, 1861.

1441. To John Vaughan, of the firm of Messrs. Bolckow and Vaughan, of Middlesborough-on-Tees, in the county of York, Iron Master, for the invention of "improvements in the manufacture of railway sleepers."

1442. To Robert Harlow, of Heaton Norris, in the county of Lancaster, Engineer, for the invention of "improvements in the fire bridges and tubes of steam boilers, and in the manner of applying the same."

1443. To Hyppolite Auguste Balsac, Gentleman, of Paris, France, for the invention of "an improved electro-thermometrical alarum."